Summary Resume

OSAMA AWAD SALIH (BSc, MSc, PhD)

Professor of Human Nutrition

Personal Information

- **Name:** Osama Awad Salih Ahmed
- **Current Position:** Professor, School of Health Sciences, Ahfad University for Women, Sudan
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Millstones:

Education

- **PhD in Agricultural Biochemistry - University of Khartoum, Sudan, 1992**
- **MSc in Agricultural Biochemistry - University of Khartoum, Sudan, 1987**
- **BSc in Biochemistry - King Abdel Aziz University, Saudi Arabia, 1983**

Relevant Experience

- Dean, School of Health Sciences - Ahfad University for Women, Sudan (Dec 2020 – April 2024) & (Jul 1996 Jan 2000).
- Professor, National Nutrition Policy Chair, King Saud University, Saudi Arabia (2011 - 2020):

Other training:

- 6th – 7th, 2008. International Workshop on “Improving Training in Nutrition in Emergencies”, November, Nairobi, Kenya.
- October, 13th-16th, 2008. African Nutrition Epidemiology Conference, “Accelerating Progress for Nutrition in Africa”, Cairo, Egypt.
- 18-19 June, 2008. Technical Conference on Malnutrition in the Young Child. Khartoum, Sudan.
- April 2008. The Integration of Community-based Management of Acute Malnutrition. Washington DC, (AED, USAID).

- March 11-21, 2008. African Nutrition Leadership Program (ANLP),. South Africa
- 2003-2005. Visionary Leadership Program in Population and Development (VLP), Sudan, Kenya, Malysia. Organized by the Consortium of CAFS, ICOM, Partners, funded by Packard Foundation
- September, 2004. Post Conflict, Khartoum, Sudan. Organized by the Population Council
- September, 2004. Curriculum Design, Bakht Al Rudda, Sudan. Organized by the Ministry of Higher Education.
- August 2-4, 2004. Developing Curricula to Respond to Peace-Keeping and Humanitarian Crises in Africa. The contributions of and challenges for African universities, Cape Town, South Africa. Organized by the Feinstein International Famine Center, Tufts University, Boston, USA.
- July 2004. "ACTION ADDIS ABABA" Addis Ababa, Ethiopia. A Call for Leadership in Population and Development. Jointly-sponsored and organized by the Leadership Development Program (LDM)/Institute of International Education, International Health Program/International Family Planning Leadership Program, University of Washington/Population Leadership Program and Partners for Population and Development/Visionary Leadership Program
- November 2003. Advanced Training Program in Visionary Leadership in Population and Development-Inter-country Forum, Kuala lumpur, Malaysia.
- June 2003. Fellowship and Advance Training Program in Leadership Program in Family Planning and Reproductive Health. Santa Cruz, California, USA.
- 2001. Saving Live and Livelihood: Managing Fundamental Interventions in Complex Emergencies. CapeTown, South Africa, (Month-Month). Orgnaized by the Feinstein International Famine Center, Tufts University, Boston, USA.
- 2000. Developing the Roles of College Department Chairpersons' as academic Leaders. Al Ain, United Arab Emirates, (month). Orgnized by Arab Admistrative Development Orgnization and United Arab Emirates University.
- 2000. Training of Trainers; Nutrition of Older People in Sub Saharan Africa. Nairobi, Kenya, (1 month). Organized by Help Age International.
- 1999. Leadership Development of Community Health Professional and Educators. Wad Medani, Sudan, (month). Organized by East Mediterranean Chapter of the Network of Community Oriented Educational Institution for Health Science.
- 1994. International Workshop on Community Based Education, incorporating Problem-Based Education. Egypt, (month). Organized by the Center for Research and Development, Suis Canal University.

Activities in the area of Nutrition, Public Health

- Member of the *National Food System Transformation Workforce* and the national Dialogues preparing for the Food System Summit, (2021).
- Development of the *Nutrition Policy for Sudan and strategies for implementations (2006/8) (UNICEF & FMOH).*
- Development of the *Food, Nutrition and HIV Strategic Plan 2010 – 2014, for PLHIV*, Sudan *(2010) (WFP& SNAP).*
- Concentrated HIV Epidemics Monitoring and Evaluation; Middle East and North Africa. Beirut, Lebanon, *(2009) (WHO Temporary Advisor)*
- Developing the UGASS COUNTRY REPORT for Sudan, *(2009) (UNAIDS, SNAP, FMOH).*
- Developing the first draft of the "Interim Manual Community-Based Management of Severe Acute Malnutrition Version 1.0", *(2009) (FMOH, FANTA II).*
- Developing guidelines for Nutrition & HIV/AIDS, *(2008) (SNAP, FMOH).*
- Revision of the CMAM protocol, *(2005) (FMOH, FANTA II).*
- Developing the *Sudan Nutrition Country Profile (2005)(FAO).*
- National Coordinator: *Visionary Leadership Program in Population and Development* (VLP), (VLP Consortium; CAFS, ICOM, Partners,), *(2003/5) (Packard Foundation).*
- Leadership Training". Good Governance and Equity in Political Participation (GGEPP) Project, *(2006) (UNDP Sudan).*
- National Committee for the establishment of the Higher Council in Nutrition-Federal Ministry of Health-Sudan.
- Founder and owner of the Nutrition Center for Training and Research NCTCB *(private, non-governmental initiative) (2018).*

Project Management in Nutrition and Health

- Leadership Skills Development program *(UNDP & UNFPA Sudan).*
- Coordinator: Developing and Conducting the first "In-country Training on the Community based Management of Acute Severe Malnutrition *(2009) (FANTA II and NCTR).*
- Project Coordinator: "SDN6R209, SCALING UP HIV/AIDS PREVENTION RESPONSE. Ahfad HIV/AIDS, Resource Center, AHAR. *(2009) (Global Fund and SNAP, FMOH.).*
- Developing Curricula to respond to Peace-Keeping and Humanitarian Crises in Africa –". The Contribution of and Challenges for African Universities, *(2004) (Feinstein Famine Center, Tufts University.).*
- Strengthening AUW Capacity for Integrating RH Outreach and Service Delivery Activities", *(2006) (International Population Council & AUW)*

- Developing the nutritional status of rural women in Arab countries, *(2005) (Arab Organization for Agricultural Development**, AOAD**).*
- Design and Delivery of Leadership Training". Good Governance and Equity in Political Participation (GGEPP) Project.
- Member of the National Fortification Alliance, Federal Ministry of Health.

Developing Training Programs

- Developing and conducting the first "In-country Training on CMAM.
- The Nutritional Status of Rural Arab Countries.
- Leadership Skills for People Living with HIV/AIDS. Training Manual
- Women & Leadership skills, Participant's and Facilitators' Manuals.
- Better Nutrition for PLHIV Training Manual
- Training Manual for Youth in Reproductive Health.
- Training Manual for Health Cadre in Eradication of Females Genital Mutilation.
- Editing and Improving the First Training Manual on Essential Nutrition Package, ENP. (UNICEF)
- Monitoring and Evaluation, Training Manual
- Advocacy, Training Manual
- Evaluating the first TOT conducted by the FMOH on "Essential Nutrition Package".
- Editing the Diabetic Education Manual.
- Training Programs in Management of Severe Malnutrition"
- Better Nutrition for Older People. HelpAge International and London School of Hygiene and Tropical Medicine, London, UK.

Academic Awards/Recognitions:

1. Award from the **Minister of Health**, Sudan. In recognition for the Development of the First National Nutrition Policy and Strategies for Implementation. February 21st, 2009.
2. **DAAD** (German) Fellowship (1989). Postgraduate (PhD) Fellowship, University of Khartoum, Khartoum, Sudan.
3. **DAAD** (German) Fellowship (1984). Postgraduate (MS) Fellowship, University of Khartoum, Khartoum, Sudan.
4. Graduate School Fellowship (1987). University of Khartoum, Khartoum, Sudan.

Selected Publications

1. Ahmed, Adam E. and Osama Awad Salih. "**Determinants of the early initiation of breastfeeding in the Kingdom of Saudi Arabia**." *International breastfeeding journal* (2019).
2. Adam E. Ahmed, Azharia A. Elbushra and Osama A. Salih, 2019. **Food consumption patterns and trends in gulf cooperation council**. Pak. J. Nutr., 18: 623-636.
3. Adam E. Ahmed and Osama A. Salih, 2019. **Infant and Young Child Complementary Feeding in Saudi Arabia: Timely Introduction, Frequency and Diversity**. *Pakistan Journal of Nutrition, 18: 216-225.*
4. Adam E. Ahmed and Osama A. Salih, 2019. **Assessment of the Minimum Dietary Diversity of Reproductive Women in Saudi Arabia.** *Pakistan Journal of Nutrition, 18: 615-622.*
5. Salih Awad O. & Elhag Ahmed A. (2017) **Early Initiation of Breastfeeding Practices in Riyadh Region, Kingdom of Saudi Arabia**, KSA.; Advance Research Journal of Multidisciplinary Discoveries.18.0,C-4(2017):15-24; available at : http://www.journalresearchijf.com.
6. Nawal M.M.Ali, Abdullahi H. El Tinaya, Abd Elmoneim O. Elkhalifa, **OA Salih**, N.E. Yousif (2008). **Effect of alkaline pretreatment and cooking on protein fractions of a high-tannin sorghum cultivar**. Food Chemistry. doi: 10.1 016/j.foodchem.2008.1 0.001
7. Salih**, O. A.**; Khattab, A.H. (2008). **Nutrition Policy for Sudan and Strategy for Implementation.** *The Ahfad Journal, Vol. 24, 2:2-13.*
8. **Salih, O. A.** (2008). **Nutritional Status of Older Persons in Different Settings in Greater Khartoum.** *The Ahfad Journal, Vol. 24, 2:35-42.*
9. Bashir, S.; Abdel Magied, A., **Salih, O.A.** (2008). **Nutrition Status, Health Risk Factors and Food Security of Older People Living in Kass Province (South Darfur) – Case Study: Shattaya Fur.** *The Ahfad Journal, Vol. 24, 2:12-23.*
10. Eltinay, F.Z; Abdel Magied, A.; **Salih, O.A.** (2008). **Health Problems and Nutritional Status of Sudanese Elderly in Khartoum State Hospital**. *The Ahfad Journal, Vol. 24, 2:24-34.*
11. Abass, M.M.; Abdel Magied, A., **Salih, O.A.** (2008). **Assessment of the Nutritional Status and Identification of Health Risk Factors of the Older People in Khartoum State**. *The Ahfad Journal, Vol. 24, 2:43-56.*
12. **Salih, O. A.** (2006). **Nutrition of Older Persons in Sudan: A Gender Perspective**. *The Ahfad Journal, Vol. 23, 2:133-140.*
13. **Salih, O. A**.; Abdel Aziz E**. (2006) Underweight, overweight and obesity among Sudanese Secondary Schoolchildren of Khartoum State**. *The Ahfad Journal, Vol. 24,1:59-73.*

Reviewer

1. Journal of the Saudi Society of Agricultural Sciences, Ref. No.: JSSAS-D-12-00039. August 2012.
2. Journal of the American Oil Chemists' Society, Ref. No.:7ddksbs7. Feb-2013.
3. Hail Journal of Health Sciences, Ref. No.: HJHS-2020-12-5 - Knowledge of Primigravidae Regarding Breastfeeding and Intentions to Breastfeed in Ha'il, Saudi Arabia
4. تحكيم كتاب الغذاء في القرآن الكريم _ جامعة حائل – يناير 2014

Membership in Scientific Associations

- Established the "Together Against Malnutrition Initiative" (Jul. 2024).
- The First Director of the Sudanese Organization for Environment and Nutrition, (2003).
- Member of "The Nutrition and Climate Change eGroup (NutCC).
- Member of "The Emergency Nutrition Network (ENN).
- Member of "The Global Forum on Food Security and Nutrition (FSN Forum)
- Member of the American Society for Nutrition. USA.
- Member of the British Nutrition Association. London, UK.
- Member of the American Chemical Society, Washington, USA.
- Member of the Society of Chemistry & Industry (SCI), UK.
- Member of the Association of the Study of Obesity (ASO), UK.
- Member of the Sudanese Organization for Environment and Nutrition. Sudan.
- Member of the Sudanese Society for Food Science and Technology. Khartoum, Sudan.
- Member of the Sudanese Chemical Society, Khartoum, Sudan.
- Member of the Sudanese Horticulture Society, Khartoum, Sudan.
- Member of the Babiker Badri Scientific Association for Women Studies. Omdurman, Sudan.
- Member of the of the Community Animator Friends Association (CAFA). Omdurman, Sudan.
- Associate Member of the Sudanese Veterinary Association, Khartoum, Sudan.

Summary

As a Professor of Human Nutrition (since 2009), I am working currently for Ahfad University for Women (AUW), Sudan for the **Dean of the School of Health Sciences** (1991 to 2011 & from 2020 to-date).

During the period (2011-2020) I was working as a Professor of Human Nutrition at the ***National Nutrition Policy Chair*** and as a Teaching Staff Member in the Community Health Department, College of Applied Medical Sciences of King Saud University, Riyadh, Kingdom of Saudi Arabia.

I have long experience (>25 years) in higher and general education in teaching, research, training and curriculum development. I have teaching experience in human nutrition courses at the graduate and undergraduate levels for more than 15 years in different academic institutions of higher education (inside Sudan and abroad).

As a mentor for graduate students, I have mentored and supervised over 20 MSc students in different field of Human Nutrition. Nevertheless I'm one of the initiators of the Postgrad program at the AUW University. I have also worked as an External Examiner for PhD and MSc dissertations in many Universities.

Impactful publications: I have published over 25 scientific articles in international, regional and local reputable journal; 20 conference articles (conference presentations);; principle author of 2 books for Secondary School and other 3 technical nutrition related-books (on going activity) and translation of 1 book (published by London School of Hygiene). And as a reviewer for many regional and international journals

Strategies, Policies and technical reports: Developed Sudan Nutrition Policy and Strategies in addition to other strategies as well as many technical reports (see detailed resume).

Research grants: During working for King Saud University I had 2 research programs (on Breastfeeding, 2011 and Diabetes. 2013) were granted full funds (2 million SR each) from the National Plan for Science and Technology (NPST) Program at King Abdu Aziz City for Science and Technology (KACST). In 2010 I have conducted research project (175,000 US$) on Breastfeeding Practices for UNICEF and Sudan Ministry of Health. In 2005 I have lead a research project for the Arab Organization for Agricultural Development (AOAD) on "Nutrition of Rural Women in 7 Arab Countries).

Training: Moreover, I have extensive experience in developing and conducting training programs (15 Training Programs) in nutrition and nutrition related areas. Additionally, I have developed nutrition and health **Leadership training programs** based on International Programs that I have attended such as IFPLP***, ANLP, and VLP.*** **Furthermore, I have developed "7 Training Manuals" in nutrition and nutrition-related health issues** both Arabic and English Languages. As an Educator and Training expert I have established (2001) the "Nutrition Center for Training and Research, NCTR" at Ahfad University for Women, Sudan, basically, to develop the capacity of the national nutrition workforce.

Human Nutrition Expert and Consultant: I am currently serving as a Nutrition Expert on the National Food System Transformation Workforce, contributing to

national-level initiatives aimed at improving food systems. Previously, I participated in the National Dialogues in preparation for the Food System Summit in 2021.

In 2008, I consulted for UNICEF and the Sudan Ministry of Health to develop the first Sudan National Nutrition Policy and Strategies for Implementation. Additionally, I created the Sudan Nutrition Country Profile for the FAO in 2005 and developed the Food, Nutrition, and HIV Strategy (2010–2014) for WFP.

My collaborative work spans numerous UN agencies, including UNICEF, WFP, WHO, FAO, UNDP, and UNAIDS, as well as international organizations such as HelpAge International, AOAD, Population Council, Feinstein International Famine Center, and the FANTA II project.

In the year 2000, I was engaged by HelpAge International to translate their publication, "Better Nutrition for Older People," developed by the London School of Hygiene and Tropical Medicine.

From 1999 to 2003, I was appointed by the Government of Sudan to lead a committee responsible for developing the curriculum and authoring two Arabic textbooks in Family Sciences for higher secondary schools, under the auspices of the Federal Ministry of General Education.

Community Work: In 2019 I have established the “Nutrition Center for Training and Capacity Building **NCTCB**” as a private, non-for-profit initiative dedicated to nutrition workforce development.

References

1. Prof. Gasim Bedri President of Ahfad University for Women, P.O. Box 167 Omdurman, Sudan, gasimbadri@gmail.com
2. Prof. Mohamed A. Alsaif, Faculty of Medical Applied Sciences, King Saud University, Riyadh, KSA, mohammedalsaif@yahoo.com

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